Hardin & Waite
Inventor(s) Herbert Bruder et al
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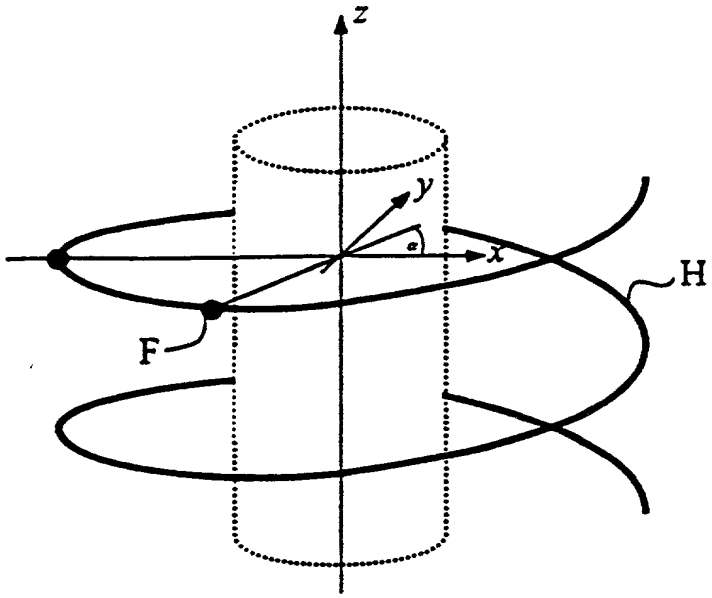

FIG 1

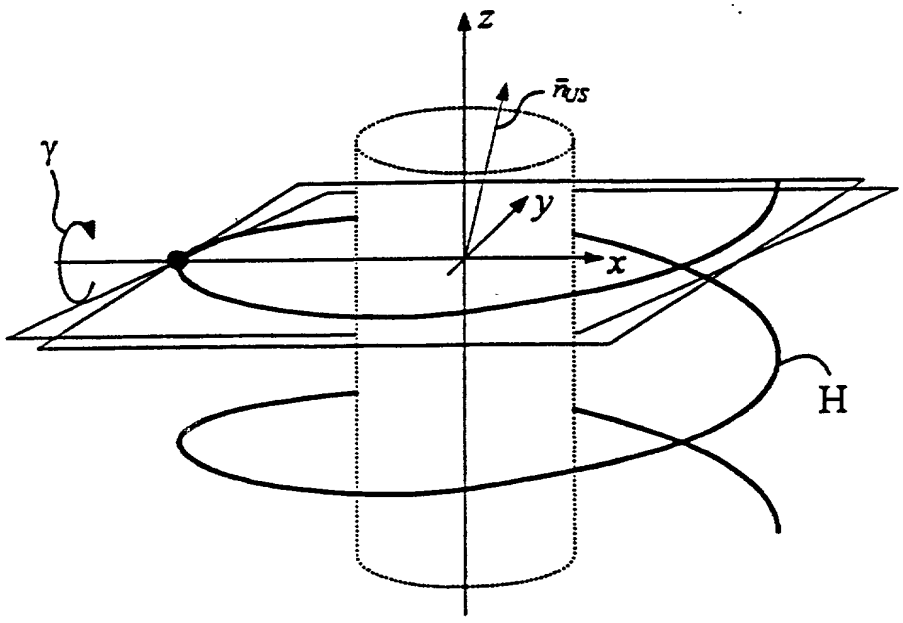

FIG 2

20021220 54 1442001

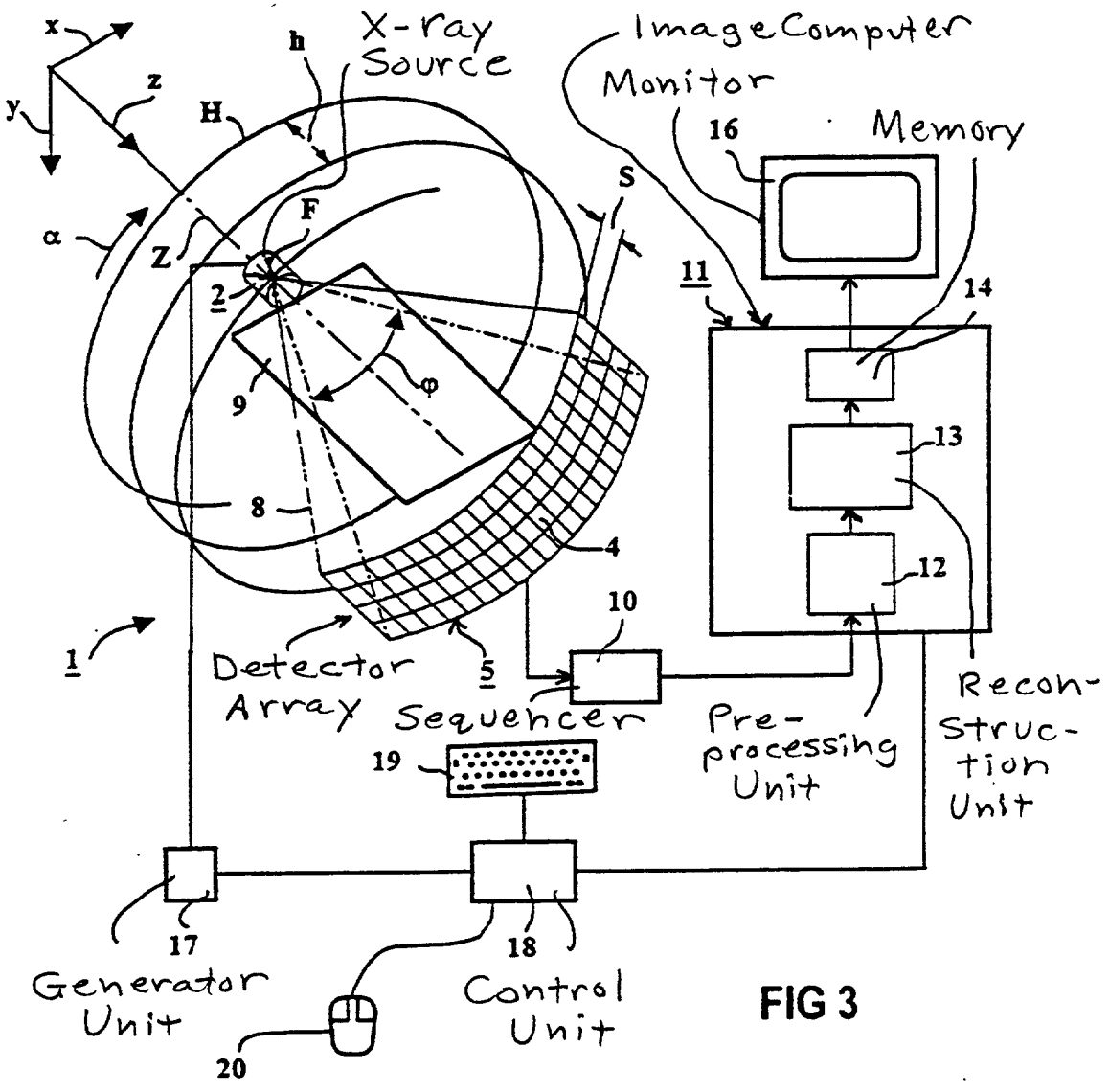

FIG 3

DE 10 2004 045 021 A1 2006.03.23

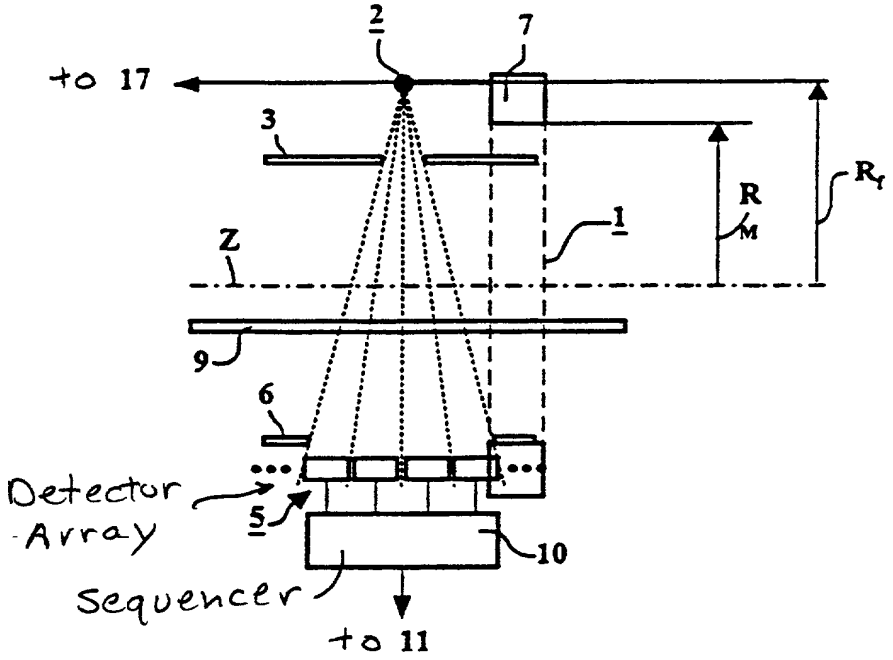

FIG 4

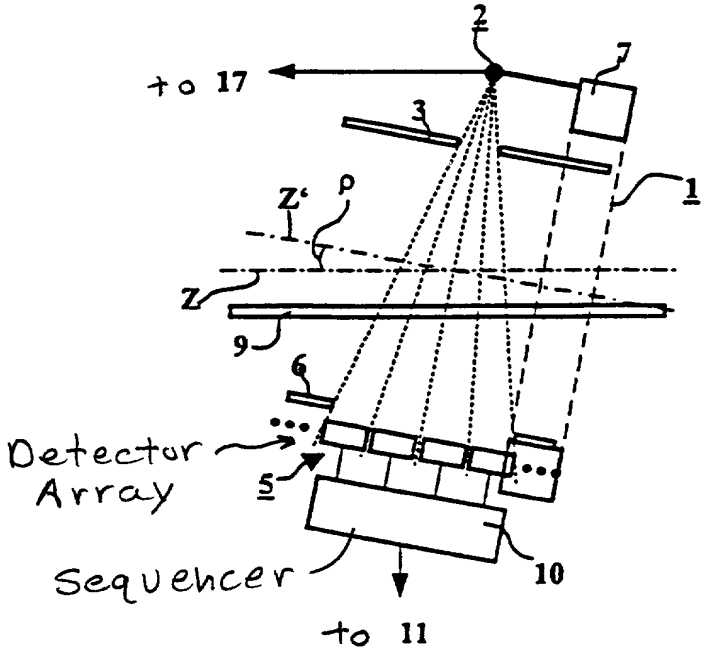

FIG 17

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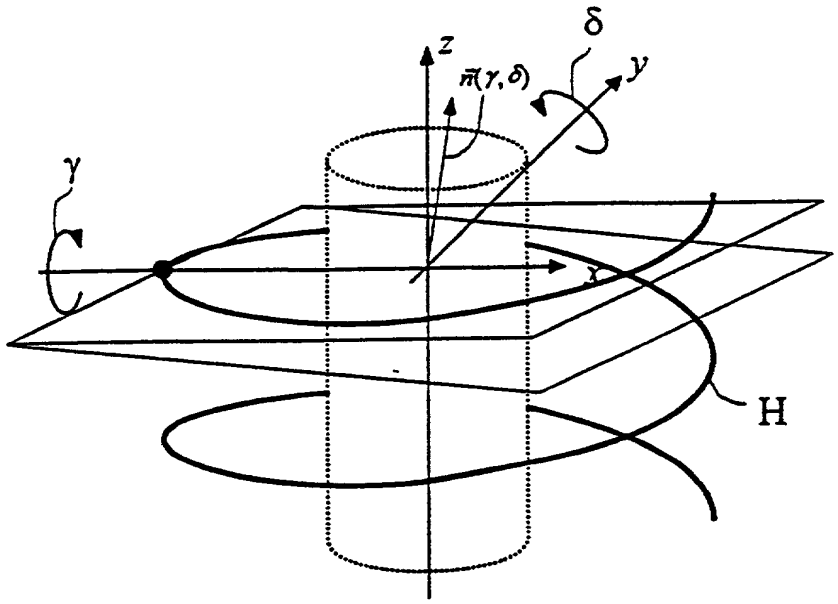

FIG 5

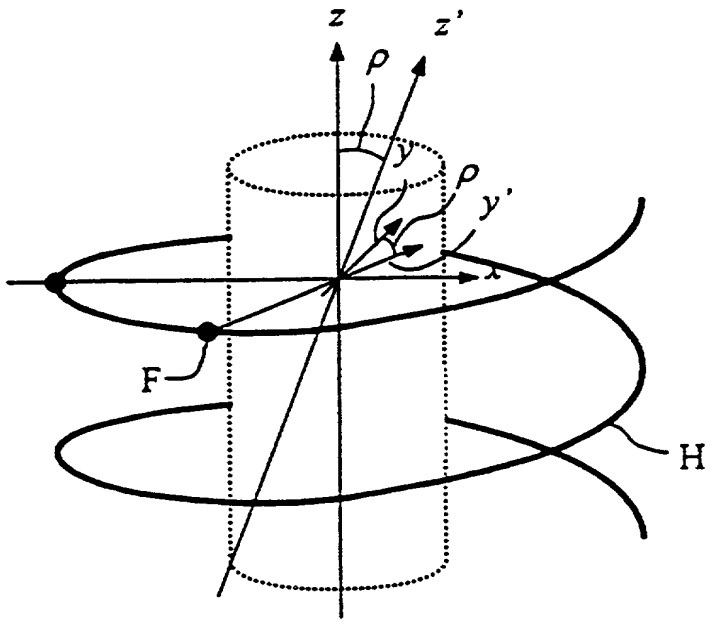

FIG 18

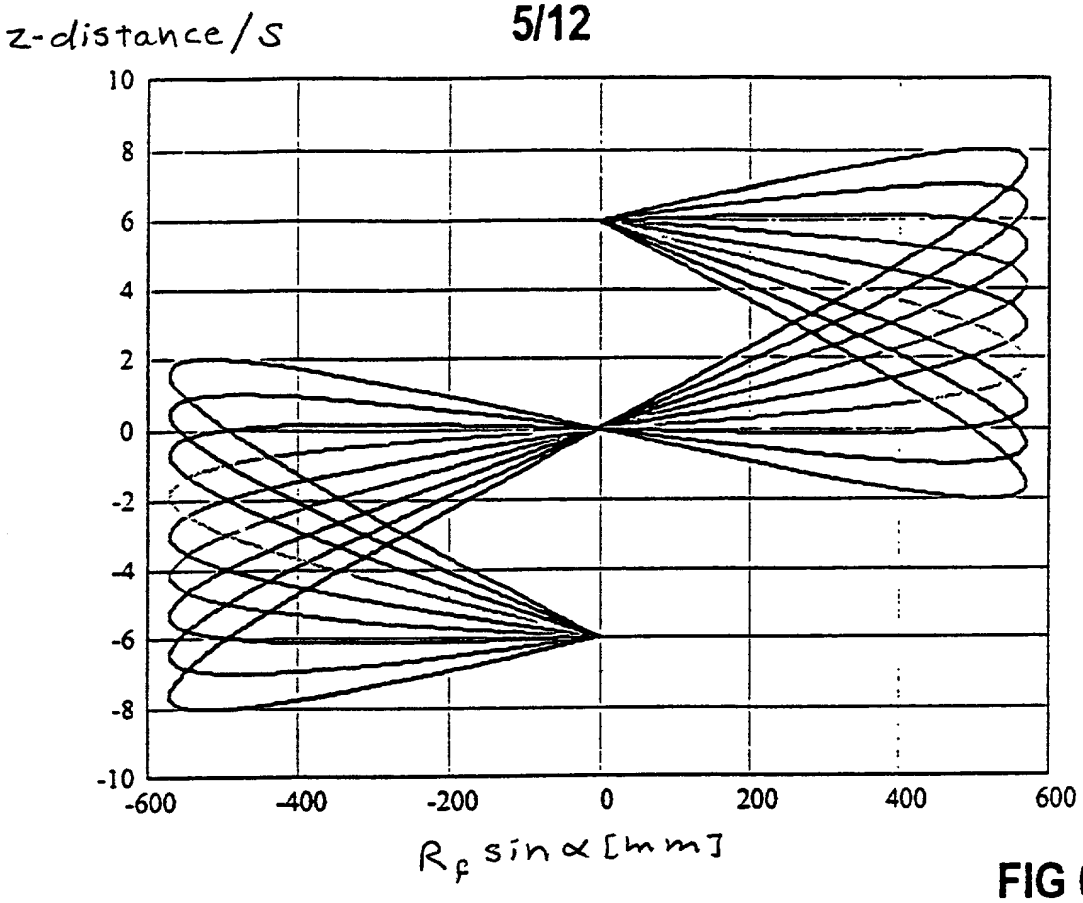
z-distance/s
10
8
6
4
2
0
-2
-4
-6
-8
-10
-600
-400
-200
0
200
400
600
$R_f \sin\alpha$ [mm]

FIG 6

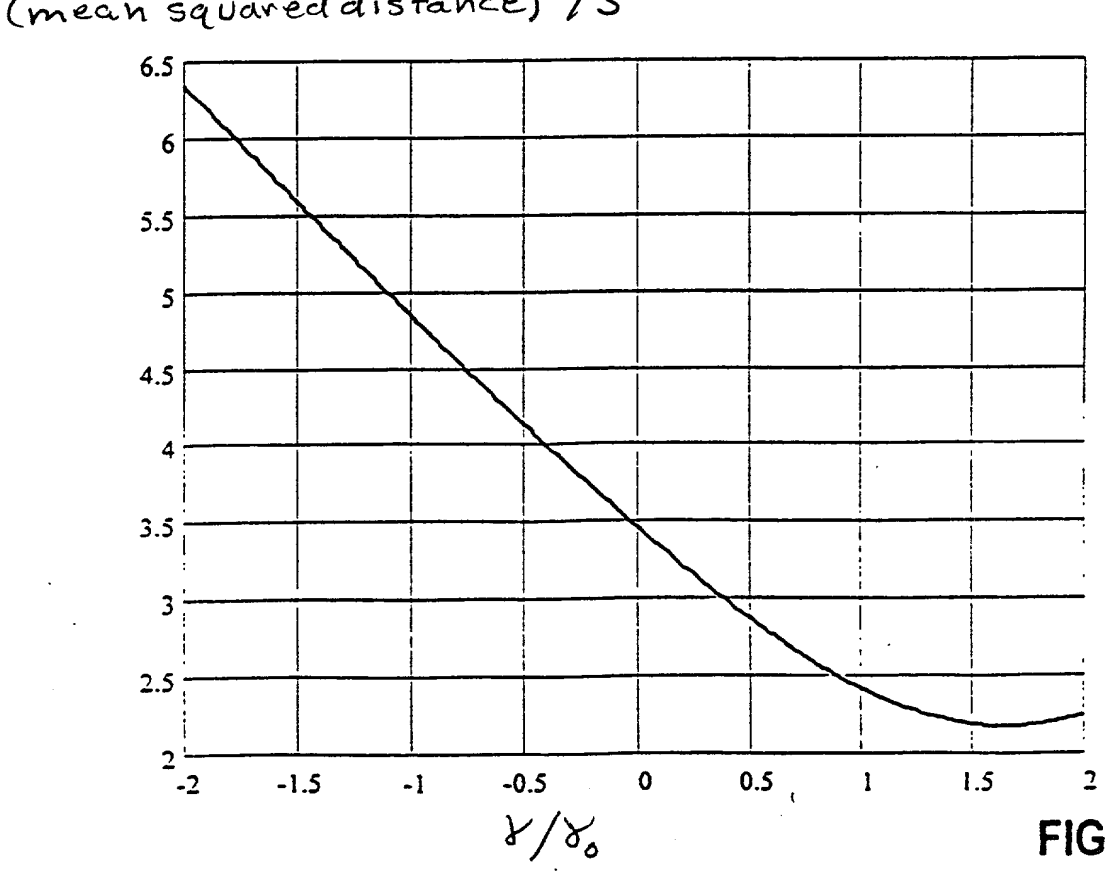
(mean squared distance)$^{\frac{1}{2}}$/s
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
γ/γ_0

FIG 7

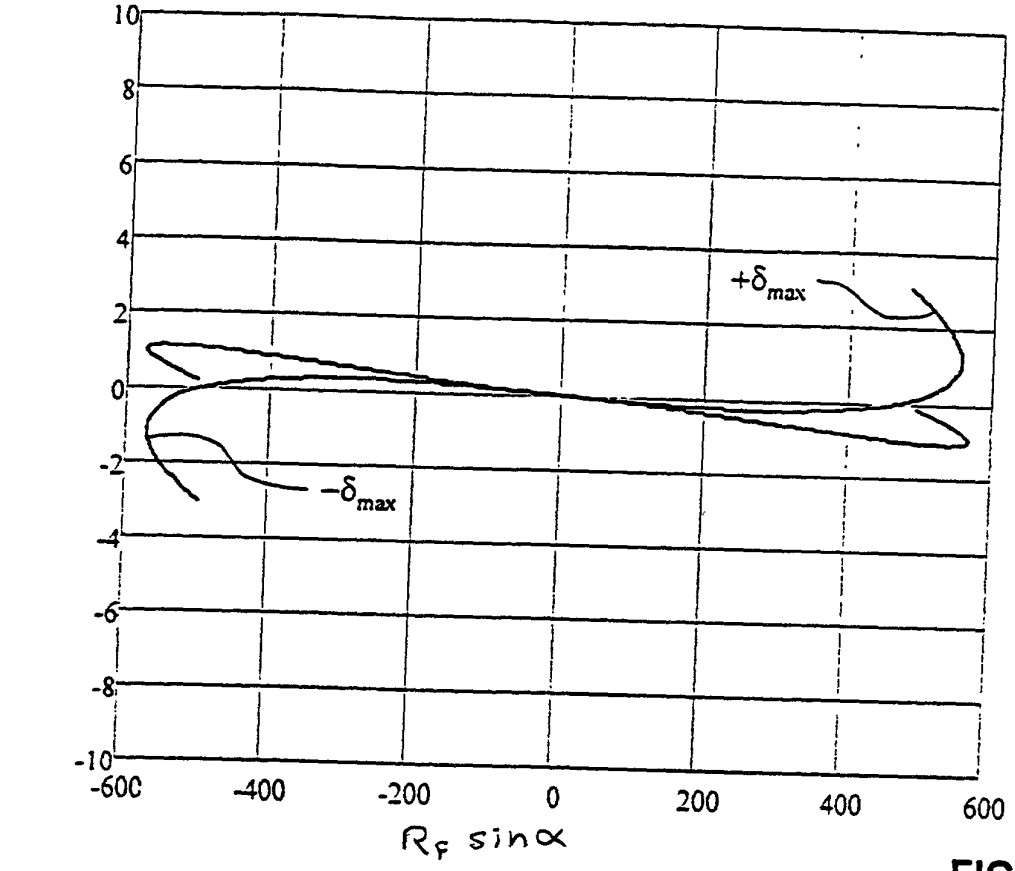
z-distance/S
10
8
6
4
2
0
-2
-4
-6
-8
-10
-600
-400
-200
0
200
400
600
$+\delta_{max}$
$-\delta_{max}$
$R_f \sin\alpha$

FIG 8

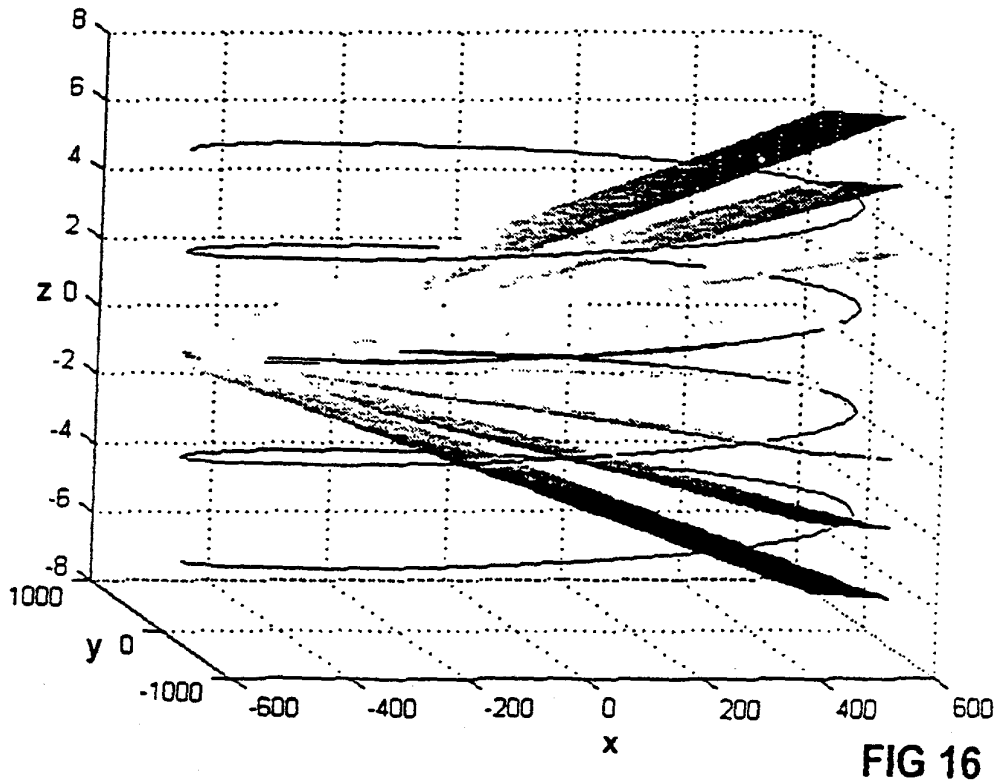
8
6
4
2
z 0
-2
-4
-6
-8
1000
y 0
-1000
-600
-400
-200
0
200
400
600
x

FIG 16

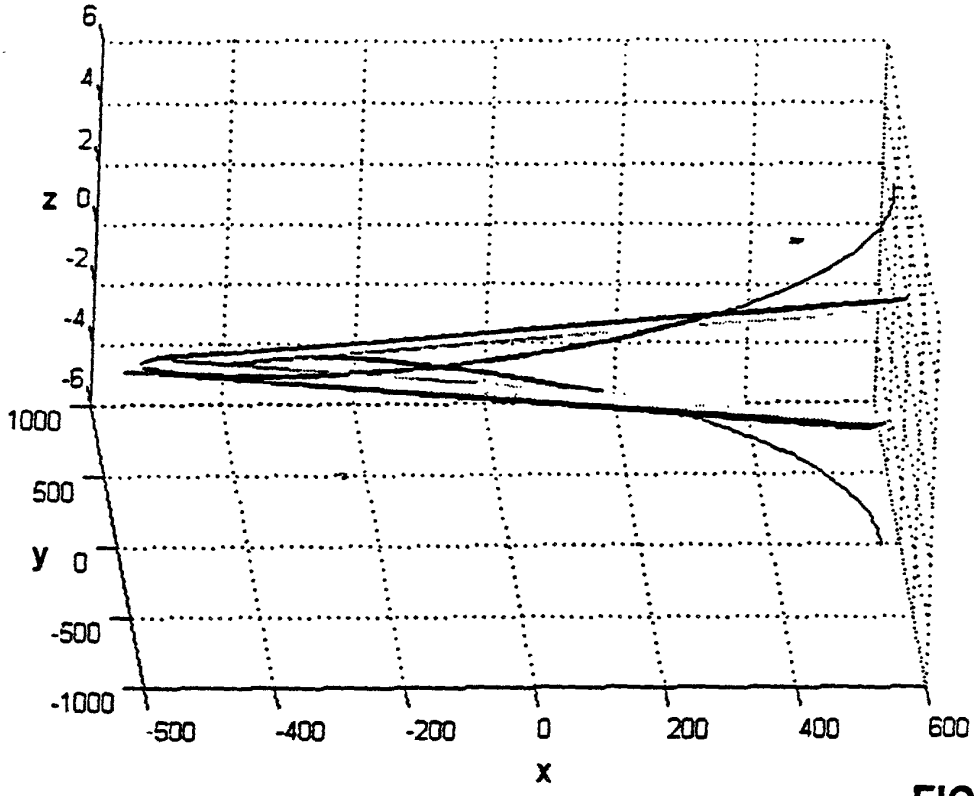
6
4
2
z 0
-2
-4
-6
1000
500
y 0
-500
-1000
-500
-400
-200
0
200
400
600
x

FIG 9

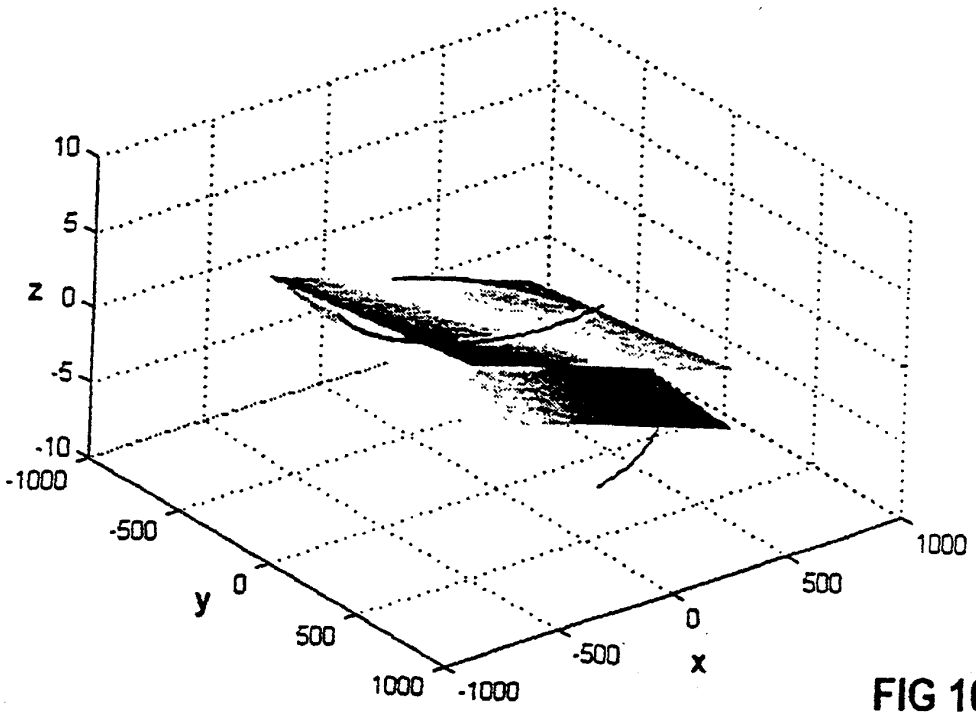
10
5
z 0
-5
-10
-1000
-500
y 0
500
1000
-1000
-500
0
500
1000
x

FIG 10

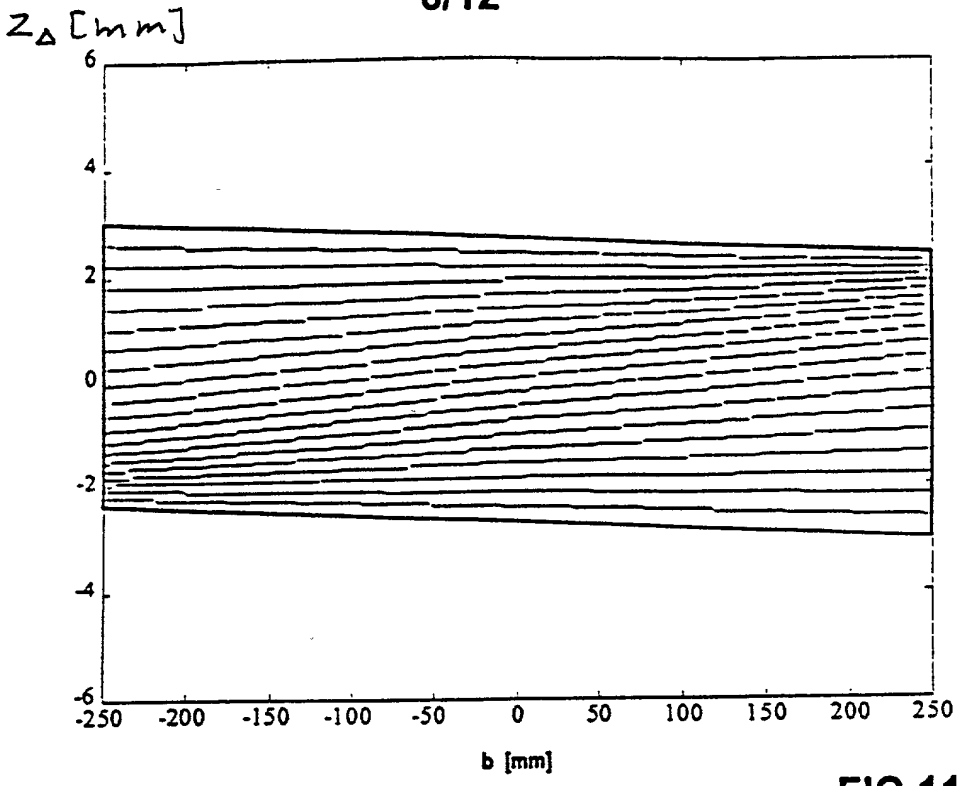
z_Δ [mm]
6
4
2
0
-2
-4
-6
-250
-200
-150
-100
-50
0
50
100
150
200
250
b [mm]

FIG 11

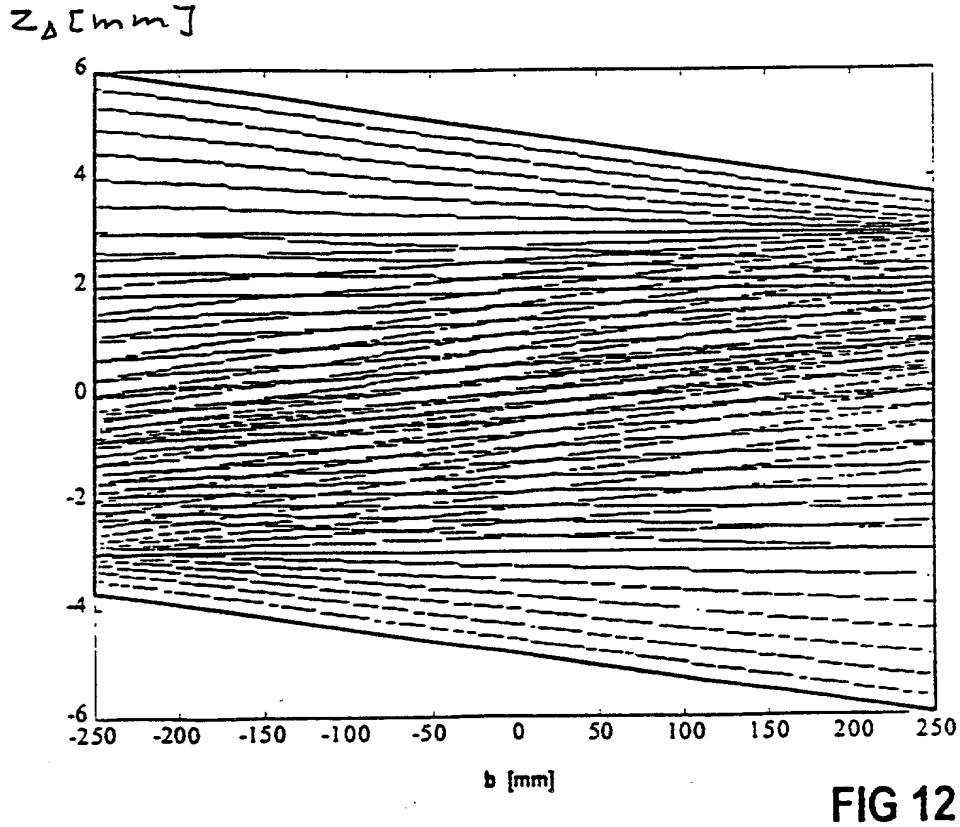
z_Δ [mm]
6
4
2
0
-2
-4
-6
-250
-200
-150
-100
-50
0
50
100
150
200
250
b [mm]

FIG 12

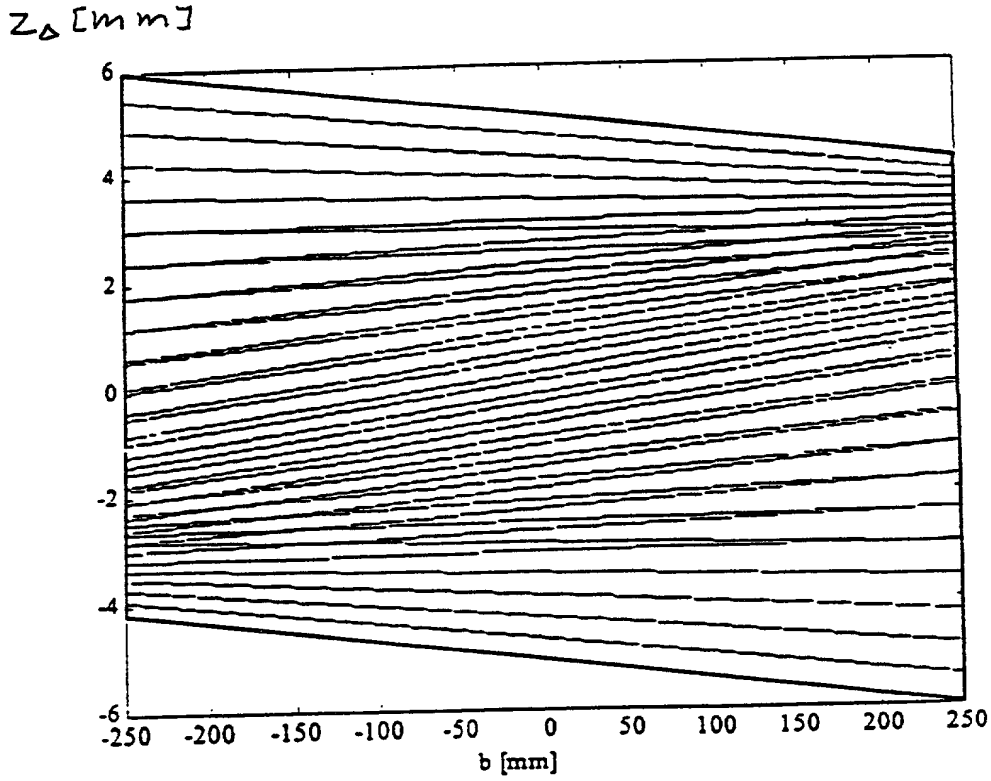

FIG 13

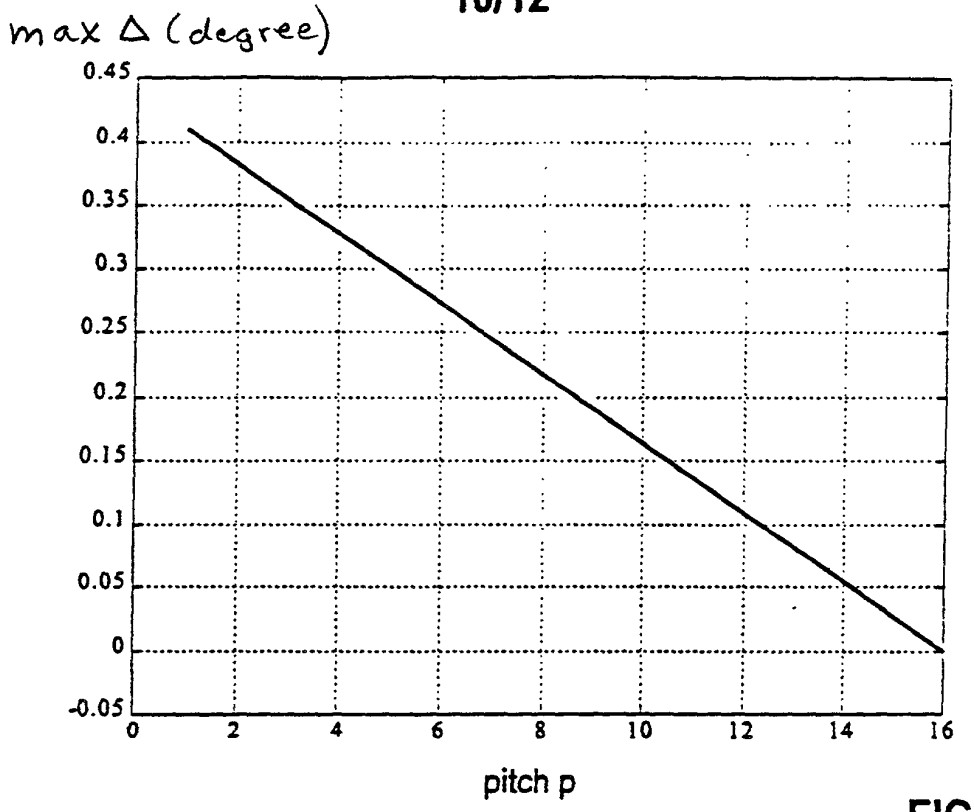

FIG 14

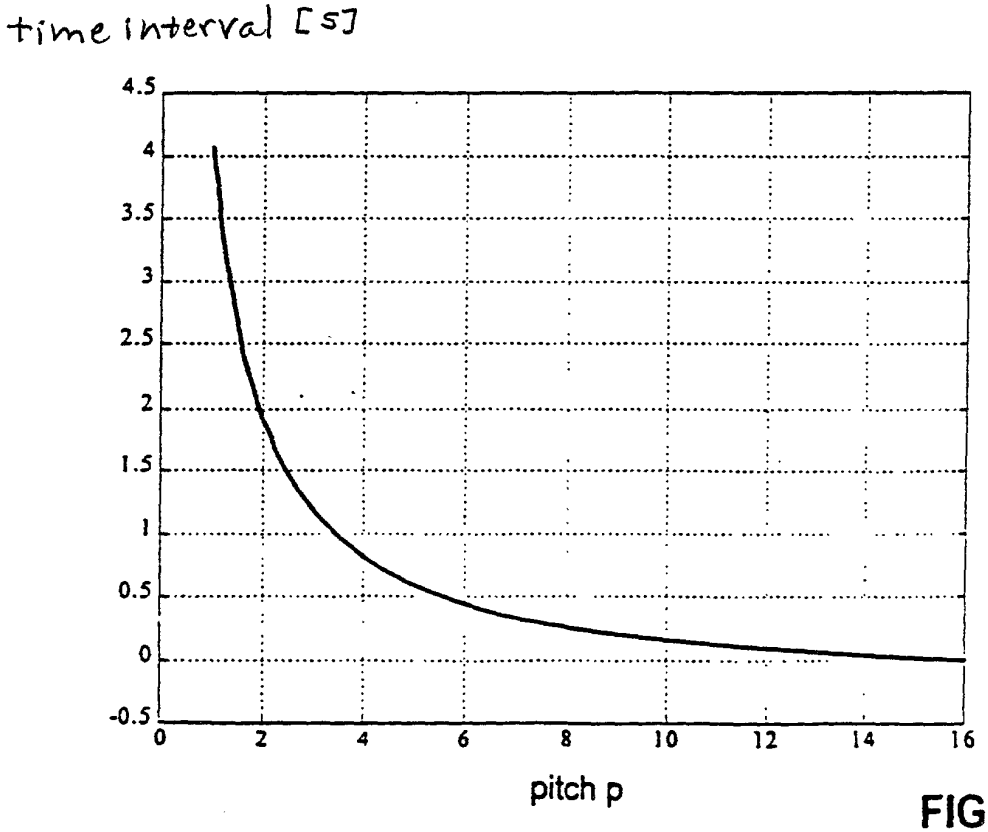

FIG 15

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γ/degree

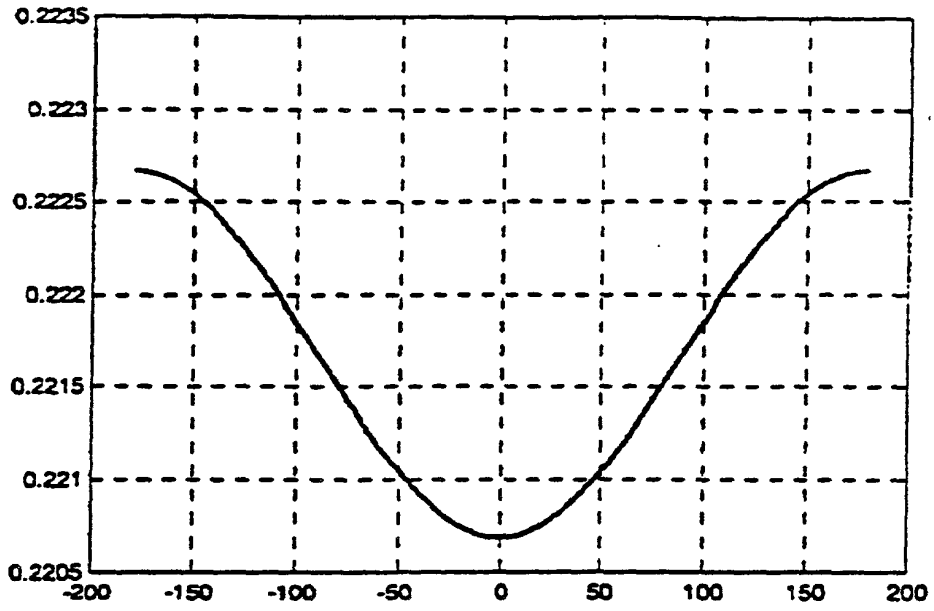

FIG 19

Δ/degree

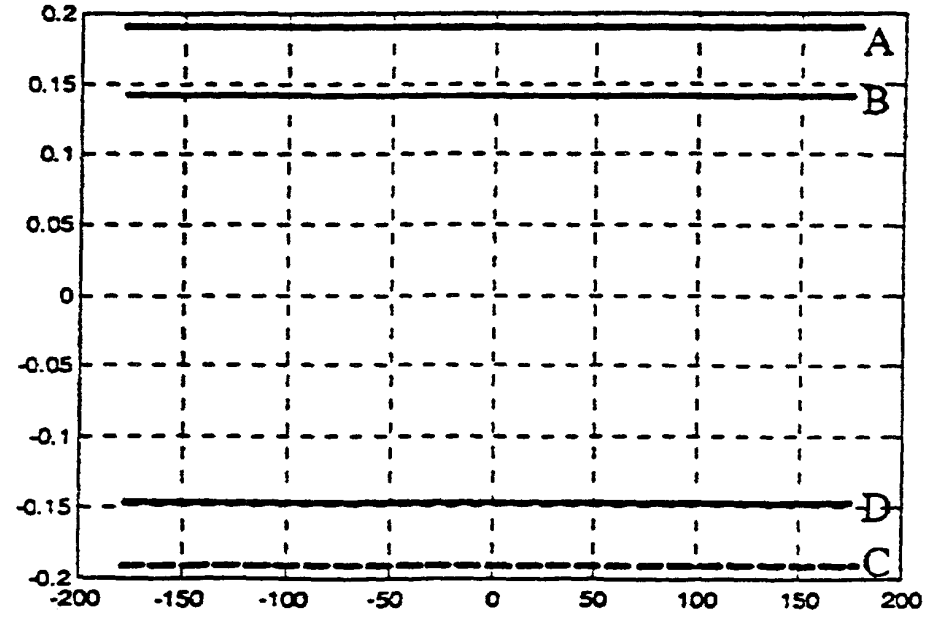

FIG 20

Sep 15 05 04:45p 2005

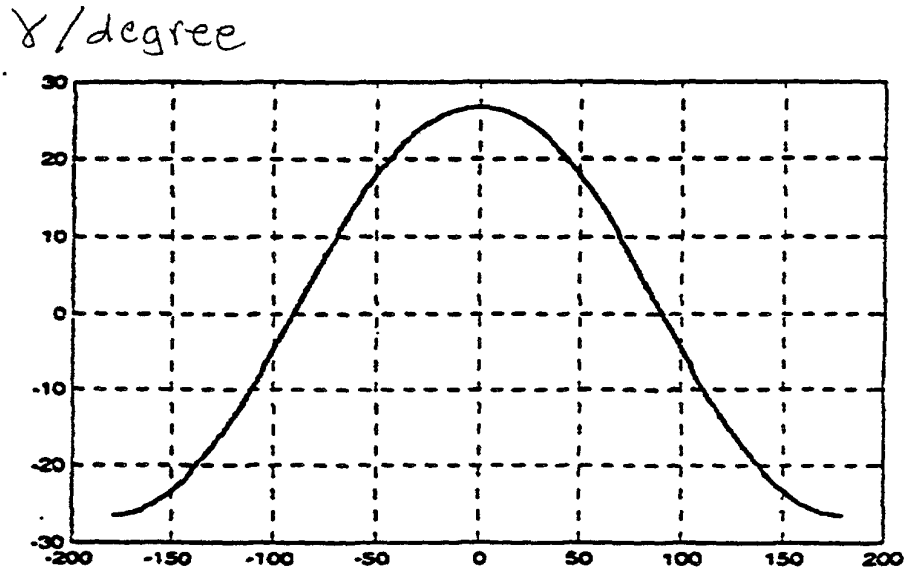

FIG 21